

ABSTRACT

A revivification display method specialized for outline fonts that based on Stroke Centerline Technology of self-defined data format, which can be applied to any operating system to enforce the function of multi-font Chinese and multi-language characters. Because the stroke is described based on the centerline, and stroke thickness parameter and curvature change parameter are introduced, the fonts are infinitely beautiful. The data share of stroke-composed components and component-composed characters makes small memory consumption of font database and revivification program, and so the process of revivification is very fast. The font generator integrated circuit (IC) product of this method can be embedded into CPU to make the system directly to be Chinese localized without any additional cost, so the IC product is especially suitable for embedded applications with very wide application prospect.